

Converting Colors

XYZ(50.5127, 56.6813,
151.6859)

Have a look what the booklet for
XYZ(50.5127, 56.6813, 151.6859)
contains.

XYZ(41.2272, 53.0151, 102.6678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2272, 53.0151,
102.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	18D1FF
RGB	24, 209, 255
RGB Percent	9%, 82%, 100%
CMY	0.9057, 0.1804, 0.0000
CMYK	0.91, 0.18, 0.00, 0.00
HSL	192°, 100%, 55%
HSV	192°, 91%, 100%
XYZ	41.2272, 53.0151, 102.6678
YIQ	158.9290, -125.0260, -24.9140

Conversions

Conversions Part 2

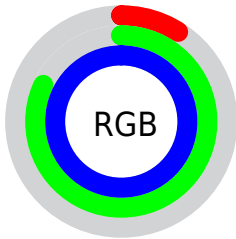
Format	Color
RYB	24, 127, 255
Decimal	1626623
CIELab	77.88, -26.18, -34.25
CIELCh	78, 43.113, 232.603
Yxy	53.0151, 0.2094, 0.2692
Android (android.graphics.Color)	4279816703 (0xFF18D1FF)
YUV	158.9290, 47.3630, -118.3327
Hunter-Lab	72.8115, -26.3501, -32.6338

Details

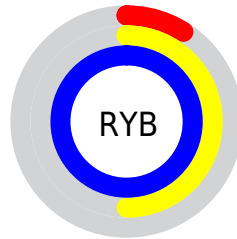
The XYZ color **41.2272, 53.0151, 102.6678** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **43.5980, 25.7115, 3.5314**, and the grayscale version is **32.7600, 34.4661, 37.5336**.

A 20% lighter version of the original color is **61.4177, 82.6619, 107.3260**, and **21.7486, 27.1884, 57.5277** is the 20% darker color. If you saturate the color by 10%, you get **39.6938, 50.5076, 102.2646**, and if you desaturate by 10%, it is **43.4101, 56.0207, 103.1329**.

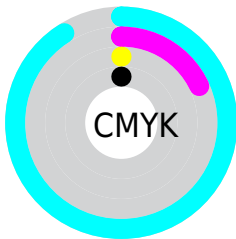
Distribution



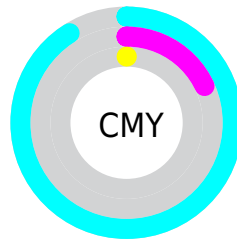
- Red (9%)
- Green (82%)
- Blue (100%)



- Red (9%)
- Yellow (50%)
- Blue (100%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2272, 53.0151, 102.6678 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.2272, 53.0151, 102.6678 by changing the saturation by 10% instead.

41.2272, 53.0151,
102.6678

41.2272, 53.0151,
102.6678

342.3157,
398.3431, 590.0320

28.6851, 37.8148,
77.9011

76.3012, 94.6266,
166.9023

18.9858, 25.8390,
57.4768

99.5638, 121.8066,
207.2072

11.7640, 16.7032,
40.9763

127.1307,
153.7486, 253.5286

6.6542, 10.0231,
27.9810

159.3671,
190.8371, 306.2851

3.2912, 5.4143,
18.0724

196.6385,
233.4564, 365.8951

1.3096, 2.4923,
10.8320

239.3101,

0.1904, 0.8728,

281.9908, 432.7772

5.8412

287.7474,
336.8249, 507.3500

■ 0.0000, 0.0000,
2.6816

■ 0.0000, 0.0000,
0.9341

■ 41.2272, 53.0151,
102.6678

■ 41.2272, 53.0151,
102.6678

■ 39.6938, 50.5076,
102.2646

■ 43.4101, 56.0207,
103.1329

■ 46.3282, 59.4640,
103.6437

■ 50.0855, 63.3999,
104.2054

■ 54.7676, 67.8730,
104.8220

60.4491, 72.9225,
105.4972

67.1967, 78.5831,
106.2342

75.0715, 84.8869,
107.0359

84.1297, 91.8633,
107.9050

94.4235, 99.5397,
108.8442

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.9355, 53.0151, 77.3283



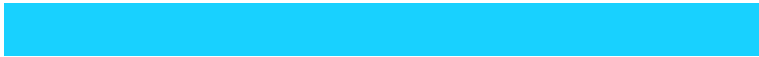
41.2272, 53.0151, 102.6678



48.3440, 53.0151, 116.6097

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2272, 53.0151, 102.6678



68.1072, 53.0151, 63.8688



44.4494, 53.0151, 24.7552

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.2272, 53.0151, 102.6678



43.5980, 25.7115, 3.5314

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.4914, 53.0151, 23.0019



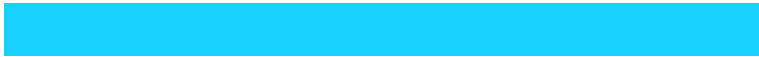
41.2272, 53.0151, 102.6678



66.7678, 53.0151, 41.7499

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.2272, 53.0151, 102.6678



64.2974, 53.0151, 90.5132



60.8171, 53.0151, 28.2881



38.6470, 53.0151, 33.9986

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.2272, 53.0151, 102.6678



53.9856, 53.0151, 115.4511



60.8171, 53.0151, 28.2881



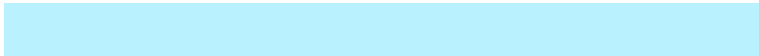
46.9563, 53.0151, 23.3980

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.2288, 53.0169, 102.6680



69.8767, 80.7590, 106.5129



37.1325, 72.1126, 17.1760



14.4074, 16.8401, 22.7411



0.0000, 0.0000, 0.0000



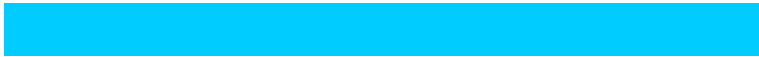
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2288, 53.0169, 102.6680



39.6938, 50.5076, 102.2646



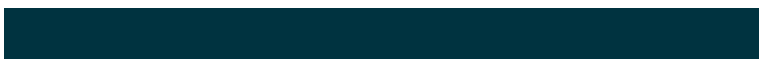
22.7190, 15.9973, 96.4981



18.2295, 19.8306, 23.1168



20.8490, 26.6077, 53.4715



2.1045, 2.7397, 5.2312

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.0765, 26.5186, 62.6444



52.1648, 25.6299, 59.4591



58.1053, 54.7262, 8.3672



18.6285, 18.2347, 21.9267



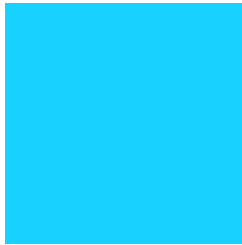
27.3118, 13.4140, 31.3562



2.6969, 1.3211, 3.2510

Previews

White Background



This preview shows how the XYZ color 41.2272, 53.0151, 102.6678 looks on a white background.

Color Contrast Check

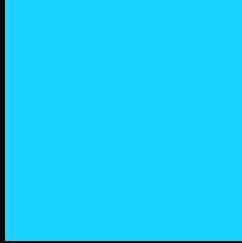
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.2272, 53.0151, 102.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2272, 53.0151, 102.6678

Background



This preview shows how black text looks on a background with the XYZ color 41.2272, 53.0151, 102.6678.

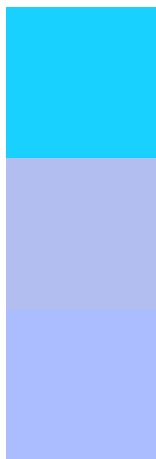


This preview shows how white text looks on a background with the XYZ color 41.2272, 53.0151,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.2272, 53.0151, 102.6678

Protanopia

52.2859, 52.1514, 89.7485

Deuteranopia

53.2609, 52.3858, 101.9121



Tritanopia

37.6863, 52.7441, 82.3231

Trichromacy



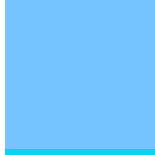
Original Color

41.2272, 53.0151, 102.6678



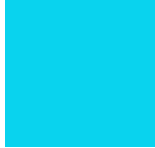
Protanomaly

44.2474, 50.2100, 93.7456



Deuteranomaly

45.2611, 50.5514, 101.9796



Tritanomaly

38.8395, 52.8197, 89.0371

Monochromacy



Original Color

41.2272, 53.0151, 102.6678



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

31.8902, 38.6543, 56.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2272, 53.0151, 102.6678 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(24, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 209, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(24, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.2272, 53.0151, 102.6678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(24, 209, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(24, 209, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(24, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2272, 53.0151, 102.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 209, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(24, 209,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor